

## 2017 Winners

### Citizen Services

#### **Muttart Stormwater Harvesting and Plant Health Program**

**Team Members: James McIvor, Kevin Bokenfohr, Michael Henighan, Garrett Watson, Danlin Su, Dayna Schell, Sandra Durante, Xiangfei Li, Ross Lauber, Dareskedart Amsalu and Michael Duerr**

The Stormwater Harvesting and Plant Health Project captures rainwater and uses unique ebb and flow irrigation tables to increase watering efficiency. The program harvests about 7500 litres of rainwater each month, reduces the demand for potable water and improves plant health.

#### **Mike Jenkins, Senior Biological Science Technician**

For 25 years, Mike has been working to educate the public on environmental stewardship issues, especially on the complexities of bugs and their interaction with the environment. Mike's focus is on prevention-based initiatives that help preserve and sustain our natural ecology.

### Financial and Corporate Services

#### **City Analytics Centre of Excellence**

**Team members: Sunkanmi Owolabi, Maurya Braun, David Rauch, Chandresh Mehta, Manjot Gill, Frank Mao, Stephanie Zhang, Usman Rizwan, Karen Parker and Mike Klueh**

The team uses analytics to make environmental data interesting for Edmontonians on projects like mapping bike routes, and creating visualizations of trees throughout the city. The group worked with Parks to develop a model that could optimize turf maintenance across the city decreasing costs and greenhouse gas emissions.

### City Operations

#### **Eastgate Yard Rain Garden Demonstration**

**Team Members: Danlin Su, Andrew Liu, Arnold Matechuk, Liliana Malesevic, Ross Bulat, Fernando Sacluti, Larry Chzyk, Max Mao and Xiangfei Li**

The Eastgate Yard Rain Garden is a landscaped area that collects, absorbs and filters stormwater runoff from rooftops, driveways and other hard surfaces. Funneling runoff through the Rain Garden helps filter the stormwater before it ends up in the river.

## **Root for Trees**

**Team Members: Katelynn Webb, Ian Brusselers, Evan Klein, Ben Rix, Sara Fyfe, Nicole Fraser, Jordan Veinot, Qiting Chen, Catherine Falk and Joy Lakhan**

Root for Trees is an enhanced tree planting initiative with the goal of creating a diverse and sustainable urban forest. Root for Trees manages the City's tree planting programs and promotes tree planting initiatives, including volunteer tree planting. In 2016, the staff of City Operations with the help of 4,120 volunteers, planted over 101,892 trees and shrubs in the city.

## **Integrated Infrastructure Services**

### **Sustainable Building Policy Update Working Team**

**Team Members: Jenny Hong, Michael Henighan, Pascale Ladouceur, Nicole Howard, Jodi Goebel, Juan Monterrosa, Jesse Banford, Daryle Tilroe, Shawn Allers and Kristi Olson**

This team update to Policy C532 calling for all new City of Edmonton buildings, or buildings undergoing major renovations, to be constructed to a minimum of LEED silver. The team established sustainability principles, created nation-leading energy and carbon performance expectations for City buildings and made Edmonton one of the only Canadian municipalities with an integrated sustainable building policy.

### **Contaminated Oil Collection and Transfer System**

**Team Members: Darsh Nawaratna and Jehovani Mejia**

The team members researched and developed a collection, transfer and storage system for contaminated oil. The system allows workers to safely dispose of used or contaminated oil in a storage tank that, when full, is disposed of by a waste disposal contractor.

## **Sustainable Development**

### **Jim Andrais**

Jim has been the driving force behind the creation of major environmental programs including the Labatiuk awards, Enviso, the Way We Green and the Community Energy Transition Strategy. Jim's dedication to environmental initiatives and his can-do attitude have been instrumental in the success of many of these programs.

### **SmartTrip Program**

**Team Members: Dot Laing, Laura Henderson, Pam Hnytka, Laurie Bowe, Janada Hawthorne, Caroline Mills and Michelle Chalifoux**

The SmartTrip program was developed to provide City staff with education and options that help them to find new ways to commute to work including transit, bikes, ride matching and more. Staff who register in the SmartTrip program get feedback on the benefits they are achieving by using SmartTrip.